

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	28	lens with gather\$4 near3 overlapp\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:02
L2	24	lens with captur\$4 near3 overlapp\$4 near3 (image or signal or data)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:03
L3	26	lens with captur\$4 near3 overlapp\$4 near3 (image or signal or data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:03
L4	60	lens with (captur\$4 or obtain \$4) near3 overlapp\$4 near3 (image or signal or data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:03
L5	26	lens with (captur\$4 or obtain \$4) near3 overlapp\$4 near3 (image or signal or data) and @pd<="20040317"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:04
L6	2	((THOMAS) near2 (ADAMO)). INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L7	1	((LARS) near2 (MONTETTUS)). INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L8	1011	348/340.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L9	8	348/340.ccls. and nano	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L10	25	nano (image pickup or imaging or camera or image pick up)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L11	190890	(array or multiple or plurality) near3 (lens or optic \$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L12	112	(array or multiple or plurality) near3 (lens or optic \$3) near3 nano	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15

L13	142	(array or multiple or plurality) near3 (lens or optic \$3) near3 nano	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15
L14	745676	(image pickup or imaging or camera or image pick up or videocamera)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L15	70	L14 and L13	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L16	6353	(nanometer or nano-meter or nano meter)near5 (sub-micron or sub micron or submicron or optical or lens)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L17	1860	(nanometer or nano-meter or nano meter)adj3 (sub-micron or sub micron or submicron or optical or lens)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L18	530	L17 and L14	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L19	784	(nanometer or nano-meter or nano meter)adj3 (sub-micron or sub micron or submicron or optical or lens) and @pd<="20040317"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L20	198	L17 and L14 and @pd<="20040317"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L21	18	(nanometer or nano-meter or nano meter) scale adj3 (sub-micron or sub micron or submicron or optical or lens) and @pd<="20040317"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L22	565	(nanometer or nano-meter or nano meter) scale and L14 and @pd<="20040317"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L23	1671350	(sub-micron or sub micron or submicron or optical or lens)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L24	492	L22 and L23	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L25	258	((nanometer or nano-meter or nano meter) scale same (sub-micron or sub micron or submicron or optical or lens) and @pd<="20040317"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15

L26	1	PCT/US05/08727	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15
L27	13	(nanoscale or nano-scale or nano scale or nano size or nano-size or nanosize) adj2 (lens or lenslet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15
L28	2	nano camera	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15
L29	47	nano-camera or nanocamera or nano camera or nano- imaging or nanoimaging or nano imaging	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15
L30	2	("7129554").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15
L31	0	11/333989.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15
L32	0	nanometer scale near3 (three or two or plurality or multiple or (more near3 one)) pixel near3 (optical or lens or lenslet)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L33	0	(nanometer or nano-meter or nano or nano meter) near3 (three or two or plurality or multiple or (more near3 one)) pixel near3 (optical or lens or lenslet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15
L34	10	(nanometer or nano-meter or nano or nano meter) same (three or two or plurality or multiple or (more near3 one)) pixel near3 (optical or lens or lenslet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15

L35	2	10/420327.app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15
L36	1	11/300312.app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15
L37	27	(three or two or plurality or multiple or (more near3 one)) pixel near3 micro (optical or lens or lenslet)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L38	218	nano (lenslet or lens or optical)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L39	0	nano (lenslet or lens or optical) near3 (three or two or plurality or multiple or (more near3 one)) pixel	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L40	0	nano (lenslet or lens or optical) same (three or two or plurality or multiple or (more near3 one)) pixel	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L41	5	nano (lenslet or lens or optical)and (three or two or plurality or multiple or (more near3 one)) pixel	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L42	1	one pixel near3 nano-sized near3 (optical or lens or lenslet)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L43	1	pixel near3 nano-sized near3 (optical or lens or lenslet)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L44	0	pixel near3 nano (scale or size) near3 (optical or lens or lenslet)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L45	1	pixel near3 nano (scal\$3 or siz\$3) near3 (optical or lens or lenslet)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L46	209	nano (scal\$3 or siz\$3) near3 (optical or lens or lenslet)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L47	0	nano (scal\$3 or siz\$3) near3 (optical or lens or lenslet) same (plurality or two or multiple) near3 pixel	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L48	0	((THOMAS) near2 (ADAMO)). INV. and @pd<="20050316"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L49	55	nano (scal\$3 or siz\$3) near3 (optical or lens or lenslet) and @pd<="20050316"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15

L50	424	plurality near3 pixel near3 lens	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15
L51	52	plurality near3 pixel near3 micro adj2 lens	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15
L52	336	plurality with pixel with micro adj2 lens	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15
L53	336	plurality with pixel with (micro adj2 lens)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15
L54	88	plurality with pixel with (micro adj2 lens) and @pd<="20040317"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15
L55	131	nano (scal\$3 or siz\$3) adj3 (optical or lens or lenslet)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L56	10	nano (scal\$3 or siz\$3) adj3 ( lens or lenslet)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L57	2	"20070091197"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L58	1027	plurality near3 (micro) adj2 (lens or lenslet)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L59	0	plurality near3 (micro) adj2 (lens or lenslet) with supported with (ccd or CMOS or image sensor or imaging or charaged coupled device)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L60	3	plurality near3 (micro) adj2 (lens or lenslet) (ccd or CMOS or image sensor or imaging or charaged coupled device)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L61	172	plurality near3 (micro) adj2 (lens or lenslet) with(ccd or CMOS or image sensor or imaging or charaged coupled device)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15

L62	3	("20040135066"   "5997756"   "6249034").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L63	13	one near3 (micro) adj2 (lens or lenslet) with plurality adj3 (photo diodes or pixels)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L64	5	("3743772"   "4979042"   "5157497"   "6707955"   "6963674").PN. OR ("7236304").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L65	0	"tuan-ho.x.p" or tuan-ho.xa.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L66	1	tuan-ho.xp. or tuan-ho.xa.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L67	1	tuan adj2 ho.xp. or tuanadj2 ho.xa.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15
L68	1	(tuan adj2 ho).xp. or (tuan adj2 ho).xa.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15
L69	1	(tuan adj2 ho).XP. or (tuan adj2 ho).xa.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15
L70	1	(tuan adj2 ho).XP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15
L71	1	(tuan adj2 HO).XP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15
L72	1373	(tuan near22 HO).XP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15

L73	1373	(tuan near2 HO).XP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15
L74	423	(tuan near2 HO).XA.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15
L75	1796	L73 or L74	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15
L76	31	L75 and micro lens	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15
L77	91	nano lens	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15
L78	0	nano lens same plurality near3 pixels	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15
L79	22	"6765617"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15
L80	6	"7508431".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15
L81	7	("20040100570"   "20050030408"   "6069350"   "6307243"   "6704051"   "6995800"   "7138663").FN. OR ("7508431").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L82	1	10/591215.app.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15

L83	1	"7138663".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/10 14:15
L84	1	10/591215.app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15
L85	1	10/591215.app. and overlapping	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15
L86	5	overlapping image with high resolution image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/10 14:15

**EAST Search History (Interference)**

&lt;This search history is empty&gt;

**8/ 10/ 2010 2:20:13 PM****C:\Documents and Settings\sgebriel\My Documents\EAST\Workspaces\Application\_10591215.  
wsp**